DEFENSE INTELLIGENCE AGENCY
WASHINGTON, D. C. 20301

16 SEP 1964

U-73/MS

SUBJECT: Draft DIA Instruction, ADP Program and File Catalog

TO: See Distribution List

1. The enclosed draft of a DIA Instruction establishes the reporting requirements for new entries to the Central Catalog and Exchange System. A later Instruction will prescribe the procedures necessary for submitting changes and ad hoc inquiries to the catalog. The purpose of this information is to provide members of the DoD intelligence community with a means of determining whether files or programs exist which might satisfy their requirements and preclude duplicative development efforts. The reports are intended to be specific enough to assist the user in an initial determination of whether an entry in the catalog is worth further inquiry. Since the descriptions in the catalog cannot answer all questions, a directory will be furnished each user which will give the specific mailing address to which inquiries for more information should be sent along with the associated organization code which appears in the description.

2. It is requested that each addressee furnish DIA, through operational command channels, with the following information no later than thirty (30) days from the date of this letter.

a. Comments on the proposed draft.

b. An estimate of (1) the number of file descriptions to be submitted, and (2) the number of program descriptions to be submitted.

c. The mailing address to which inquiries for more information should be sent. If inquiries about data and programs should go to separate offices, please include both addresses.

FOR THE DIRECTOR:

Allan L. Reed

ALLAN L. REED
Rear Admiral, USN
Chief of Staff

1 Encl
Draft DIA Instruction 65-
a/s

U-73/MS
DISTRIBUTION LIST: (5 cys ea)
SAC
USEUCOM
USAFE
USNAVEUR
FICEUR
USAREUR
LANTCOM
AIC
STRICOM
TAC (AFSTRIKE)
CONARC (ARSTRIKE)
NORAD/CONAD
PACOM
PACAF
PACFLT
FICPAC
USARPAC
ALCOM
USSOUTHCOM
ACIC
FTD
AFNIN
ONI
NAVY OCEANOGRAPHIC
ACSI, ARMY
AMS
USARSO

D
R
A
F
T

DEFENSE INTELLIGENCE AGENCY INSTRUCTION
NO. 65-

HEADQUARTERS DEFENSE
INTELLIGENCE AGENCY
WASHINGTON, D. C. 20301
(date)

AUTOMATIC DATA PROCESSING SYSTEM

SUBMISSION OF ENTRIES FOR THE ADP PROGRAM AND FILE CATALOG

1. PURPOSE: This Instruction prescribes the reporting requirements, procedures, and formats for submission of automated intelligence master data file and computer program descriptions to the Defense Intelligence Agency (DIA) for inclusion in the central catalog of DoD intelligence ADP systems descriptions.

2. POLICY: As a service of common concern, DIA will maintain a catalog containing descriptions of intelligence data maintained in an automated form and descriptions of computer programs. The purpose of the catalog is to facilitate the exchange of information among the members of the DoD intelligence community, thereby avoiding unnecessary duplication of effort. The catalog will be published periodically and may be interrogated on an ad hoc basis. The exchange of additional information and arrangements for the exchange of data or programs will be made between the office maintaining or developing the product and the requestor.

3. SCOPE: This Instruction applies to all DoD intelligence elements except those excluded by DoD Directive 5105.21, paragraph I.B.

4. DEFINITIONS: For the purpose of this Instruction, the following definitions will apply.

a. Master file - A master file is a file which has a combination of data that is contained in no other file. Derivative files with extracted data would not be considered master files unless new information were added. This definition does not apply between installations since a derivative file for one installation may be a master file for another installation. Only master files containing intelligence information and ancillary files needed to process these files, such as an index or thesaurus, will be described for cataloguing.

b. Automated file - A machine-processable file to include punched cards, paper tape, or magnetic tape, whether used as primary or secondary (back-up) storage. Film transparencies of all types are excluded.

c. Computer program - The complete sequence of machine instructions necessary to solve a problem, whether called sub-routine, routine, program, etc., that would be of value to more than one installation.

5. REPORTING INSTRUCTIONS:

a. The information required by this Instruction will be submitted on punched cards accompanied by a machine listing of each deck.

b. Enclosures 1 and 2 provide instructions for the preparation of these cards. Enclosures 3, 4, 5 and 6 provide the appropriate codes referred to in Enclosures 1 and 2.

c. The classification of these card decks will be kept as low as possible.

d. Every card must carry the organization code of the originating installation. These codes are given in Enclosure 1.

6. SUBMISSION: The card decks and one copy of their associated card listings will be submitted directly to DIA (ATTN: DIAMS). In addition, one copy of each card listing will be submitted to DIA (ATTN: DIAMS) through operational command channels.

6 Encls
1. File Description
2. Program Description
3. Code List 1, "Organization Codes"
4. Code List 2, "Intel Activities Codes"
5. Code List 3, "Equipment Models"
6. Code List 4, "Computer Languages"

FILE DESCRIPTION

FORMAT #1 - FILE IDENTIFICATION

	Item	Column	Remarks
(1)	Format identifier. Insert a "1" in this column.	1	
(2)	Blank or card identifier if multiple cards are used.	2-3	
(3)	Blank.	4	
(4)	Organization Code (see Code List 1). This code represents the address of the office where more information may be obtained.	5-7	
(5)	File identifier. A two character code assigned for this project by the file custodian. It may be alphabetic, numeric, or mixed, but should uniquely identify the file for referencing purposes.	8-9	
(6)	Security classification of over-all file. U-unclassified; S-secret; C-confidential; T-top secret; O-other	10	
(7)	Releasability. U-unrestricted; N-no foreign; O-other; C-controlled dissemination.	11	

DIAI 65-

Encl 1

FORMAT #1 - FILE IDENTIFICATION (Continued)

Item		Column	Remarks
(8) Date of file.			
a. For a planned or current file, give date file became or will become operational.			
	Year	12-13	
	Month	14-15	See Note 1
b. For an inactive file give beginning and ending years when it was maintained. Place a 12-punch in column 15 over the digit.			
	Beginning Year	12-13	
	Ending year	14-15	
(9) Descriptive title of file.		16-50	See Note 2
(10) Primary Intelligence Activity supported by the file (see Code List 2).		51-53	
(11) Countries or geographical areas covered by file. The two-character country codes given in DIA Instruction 65-5 plus "ZZ" for world-wide are the only codes to be used. If item is not applicable, leave the field blank. There is room for 9 entries in the initial		54-71	See Note 2

FORMAT #1 - FILE IDENTIFICATION (Continued)

Item	Column	Remarks
(11) (Continued) Format 1 card. If this is insufficient space, continuation cards may be used. Each continuation card will contain a "1" in column 1 and the same information as the original card in columns 4 through 9. The cards will be numbered in ascending sequence in columns 2-3 with the first card numbered "01". Columns 10 through 71 may be used for additional country codes.		
(12) Reserved for use by DIA.	72-80	

FORMAT #2 - FILE CHARACTERISTICS

	Item	Column	Remarks
(1)	Format identifier. Insert a "2" in this column.	1	
(2)	Blank.	2-4	
(3)	Organization Code (See Code List 1).	5-7	
(4)	File identifier. A two-character code assigned by the file custodian. It may be alphabetic, numeric, or mixed.	8-9	
(5)	Storage medium. C-EAM cards; P-paper tape; T-magnetic tape; D-disk.	10	
(6)	Storage identification. Furnish specific identification of storage medium such as manufacturer's name, model number, or any identifying characteristics to include name of code used in cards or paper tape.	11-20	See Note 2
(7)	Recording mode. If storage medium is paper tape or cards, leave blank. If magnetic tape or disk, indicate recording mode. B-binary; D-binary coded decimal; M-mixed.	21	
(8)	Computer make and model or PCM (See Code List 3).	22-28	See Note 2

FORMAT #2 - FILE CHARACTERISTICS (Continued)

Item	Column	Remarks
(9) Update cycle. D-daily; W-weekly; M-monthly; Q-quarterly; S-semiannual; Y-yearly; A-as needed; O-other.	29	
(10) Number of logical records in file. This field will show the file size expressed by 3 digits and a multiplication factor. U-units; H-hundreds; T-thousands; M-millions.		
Quantity to Multiply	30-32	
Multiplication Factor	33	
Examples: 400 records: 400U 50 records: 050U 6500 records: 065H 120000 records: 120T		
(11) Estimated annual growth rate expressed in number of records. Employ the same system as in item (10) unless the file is static. In that case leave columns 34-36 blank and put an "S" in column 37.		
Quantity or blank	34-36	
Multiplication factor or "S"	37	

FORMAT #2 - FILE CHARACTERISTICS (Continued)

	Item	Column	Remarks
(12)	Record type. F-fixed length; V-variable length.	38	
(13)	Record size. This number should be expressed in terms of alphabetic characters or decimal digits. If the record is variable length, give maximum size. Employ the same system as shown in item (10).		
	Quantity	39-41	
	Multiplication factor	42	
(14)	File order. R-random; S-sequential.	43	
(15)	File dependency. If the use of this file is dependent on other files, list their two-character file identifiers. There is space for 4 such entries. If this file is independent, leave the field blank.	44-51	See Note 2
(16)	File source. L-locally generated; D-duplicate or derivative file received in automated form from another installation; M-mixed.	52	

FORMAT #2 - FILE CHARACTERISTICS (Continued)

	Item	Column	Remarks
(17)	Reserved for future identification of programs creating or using the file.	53-71	
(18)	Reserved for use by DIA.	72-80	

FORMAT #3 - FILE SUBJECTS

The completion of this format is optional. If the file covers only one major subject area and this was expressed in the title, there would be no need for using this card.

	Item	Column	Remarks
(1)	Format identifier. Insert a "3" in this column.	1	
(2)	Blank	2-4	
(3)	Organization Code (see Code List 1).	5-7	
(4)	File identifier. A two-position code assigned by the file custodian. It may be alphabetic, numeric, or mixed.	8-9	
(5)	List major subject areas included in the file using standard abbreviations or clear mnemonics whenever possible. Each subject area should be set off by a semi-colon. No priority is indicated by the sequence of the entries.	10-71	See Note 2
(6)	Reserved for use by DIA.	72-80	

FORMAT #4 - DATA DESCRIPTION

A format #4 card should be made for each data element (or field) which may be included in a record. A data element is a unit of recorded information within a record which may be identified by a name. Do not include information used solely for programming purposes.

	Item	Column	Remarks
(1)	Format identifier. Insert a "4" in this column.	1	
(2)	Card identifier. Each data element card should have a unique two-character identifier for reference purposes. It may be numeric, alphabetic, or mixed. It is not meant to show any ordering within a record.	2-3	
(3)	Blank.	4	
(4)	Organization Code (see Code List 1).	5-7	
(5)	File identifier. A two-character code assigned by the file custodian. It may be alphabetic, numeric, or mixed.	8-9	
(6)	Name or description of data element.	10-64	See Note 2

FORMAT #4 - DATA DESCRIPTION (Continued)

	Item	Column	Remarks
(7)	Size of field. The size of the field containing the data element should be given in terms of alphabetic characters or decimal digits. If the field is variable length, give maximum size. Field sizes from 001 through 999 can be expressed.	65-67	See Note 1
(8)	Mode of expression. A-abbreviation; C-coded; F-full.	68	
(9)	Presence indicator. Insert an "R" if data element is required; insert an "O" if it is optional.	69	
(10)	Security classification. Complete this column if the classification for this data element differs from the over-all file classification. Use the abbreviations listed in Format #1, item 6.	70	
(11)	Releasability. Complete this column if the releasability for this data element differs from the over-all file. Use the abbreviations listed in Format #1, item 7.	71	

FORMAT #4 - DATA DESCRIPTION (Continued)

Item	Column	Remarks
(12) Reserved for use by DIA.	72-80	

NOTES:

1. Right justify and precede with zeros.
2. Begin punching in the left-most position of the field.

PROGRAM DESCRIPTION

FORMAT #1 - PROGRAM TITLE

	Item	Column	Remarks
(1)	Format identifier. Insert a "1" in this column.	1	
(2)	Blank.	2-4	
(3)	Organization Code (see Code List 1).	5-7	
(4)	Program identification number. A unique number assigned by the program custodian for purposes of this project.	8-10	See Note 1
(5)	Security classification. U-unclassified; S-secret; C-confidential; T-top secret; O-other.	11	
(6)	Releasability. U-unrestricted; N-no foreign; O-other; C-controlled dissemination.	12	
(7)	Descriptive program title. The title will be used for key word indexing; therefore, key words should be emphasized and phrases should be avoided.	13-71	See Note 2
(8)	Reserved for use by DIA	72-80	

FORMAT #2 - PROGRAM CHARACTERISTICS

	Item	Column	Remarks
(1)	Format identifier. Insert a "2" in this column.	1	
(2)	Blank.	2-4	
(3)	Organization Code (see Code List 1).	5-7	
(4)	Program number. Same as Format #1.	8-10	
(5)	Program status. O-operational; D-design; T-test.	11	
(6)	Documentation status. N-no documentation; C-complete documentation including flow charts, program listings, narrative, operating instructions, etc.; N-narrative only; L-program listing only; F-flow charts only; P-partial documentation.	12	
(7)	Date of program. Date program was or will be operational.		
	Year	13-14	
	Month	15-16	See Note 1
(8)	Run frequency. D-daily; W-weekly; M-monthly; Q-quarterly; S-semiannual; Y-yearly; A-as needed; O-other.		

FORMAT #2 - PROGRAM CHARACTERISTICS (Continued)

Item	Column	Remarks
(9) Program size. This field will show the number of core locations required by the program expressed by 3 digits followed by a multiplication factor. U-units; H-hundreds. Examples: 150 locations - 150U; 8,000 locations - 080H	18-21	
(10) Program Language (see Code List 4).	22-24	
(11) Software dependency. If the program being described is completely self-contained and independent, leave this field blank. If manufacturer's routines or programming packages are required, please give the names in abbreviated form. If your own programs are needed, give the program numbers used for this project, i.e., cross-reference to other programs in this index.	25-71	See Note 2
(12) Reserved for use by DIA.	72-80	

FORMAT #3 - HARDWARE DESCRIPTION

	Item	Column
(1)	Format identifier. Insert a "3" in this column	1
(2)	Blank	2-4
(3)	Organization Code (see Code List 1).	5-7
(4)	Program identification number. Same as Format #1.	8-10
(5)	Computer make and model (see Code List 3).	11-17
(6)	Minimum set of equipment and special features required to run this program, such as core size, number of tape units, card readers, floating point, sense switches, etc.	18-71
(7)	Reserved for use by DIA.	72-80

FORMAT #4 - PROGRAM ABSTRACTS

Format #4 is to be used for multiple cards containing an abstract describing the program. The abstract will appear in card columns 11 through 71 and may be continued from card to card. The abstract should include a description of the inputs, processing, outputs, and any program limitations. Where master data files are created or processed, the file identification codes should be given. The abstract should be terminated with the word "END" appearing in the abstract field. If the abstract terminates in column 71 of any card, another card will be prepared containing the usual information required for this format plus the word "END" in columns 11-13. Following is the format for cards containing the program abstracts.

	Item	Column	Remarks
(1)	Format identifier. Insert a "4" in this column.	1	
(2)	Sequence number. Ascending numbers should be punched in these columns for each Format #4 card to assure proper sequence of the textual information. The numbering should begin with "00" for the first card.	2-3	See Note 1

FORMAT #4 - PROGRAM ABSTRACTS (Continued)

	Item	Column	Remarks
(3)	Blank.	4	
(4)	Organization Code (see Code List 1).	5-7	
(5)	Program identification number. Same as Format #1.	8-10	
(6)	Text of abstract	11-71	See Note 2
(7)	Reserved for use by DIA.	72-80	

NOTES:

1. Right justify and precede with zeros.
2. Begin punching in the left-most position of the field.

CODE LIST 1

ORGANIZATION CODES

ALC - ALCOM
AAF - AAC
ALN - ALSEAFRON
AAR - USARAL
CAC - SOUTHCOM
CAF - AFSOUTH
CAN - NAVSOUTH
CAR - ARSOUTH
DIA - Defense Intelligence Agency
DHF - AFNIN
DCF - ACIC
DSF - FTD
DTF - AFTAC
DHN - ONI
DSN - STIC
DCN - NAVOCEANO
DHR - ACSI
DCR - AMS
DSR - FSTC
EUC - EUCOM
EEC - EUCOM ELINT CENTER
EUF - USAFE
E7F - 497 RTS
EOF - 7000SW
E9F - 7499 SG
EUN - NAVEUR
EIN - FICEUR
EQN - VQ-2
EUR - USAREUR
E5R - 513 Int C Gp
EIR - Eng Int Cent
GRC - NORAD
LAC - LANTCOM
LAF - AFLANT
LAN - LANTFLT
LIN - Lant Int Cent
LAR - ARLANT
PAC - PACOM
PAF - PACAF
P7F - 67 RTS
P4F - 6499 SG
PEF - PACOM ELINT CTR

PAN - PACFLT
PIN - FICPAC
PQN - VQ-1
PAR - USARPAC
P5R - 500 Int C. Gp
SAC - SAC/JSTPS
S4F - 544 RTW
S2F - 2nd RTS
S8F - 8 RTS
S5F - 15 RTS
TAC - STRIKE
TAF - AFSTRIKE
T4F - 4444 RTW
TAR - ARSTRIKE

Approved For Release 2001/09/05 : CIA-RDP80B01139A000500350004-7

CODE LIST 2 *

INTELLIGENCE ACTIVITY CODES

ADM - Administration

ARG - Area Intelligence (Geopolitical, Socio-economic, Climatic, etc.)

- ARC - Climatology
- ARE - Escape and Evasion
- ARW - Weather

BIO - Biographic

CIG - Current Intelligence (General)

- CIF - Air Forces Disposition
- CIN - Naval Force Disposition
- CIR - Ground Force Disposition

COG - Collections Management

- COE - Evaluation
- COI - Assets Inventory
- COR - Requirements

ELT - Elint

EST - Estimates

INS - Installations

MCG - Mapping & Charting (General)

- MCI - Index and Catalog
- MCM - Mapping-Management
- MCT - Mapping-Technical

OBG - Order of Battle (General)

- OBA - Amphibious OB
- OBC - Civil Air OB

* This is a suggested list which will be revised as necessary.

OBD - Air Defense, including AAA, OB
OBE - Electronic (Elint, Radint, etc.) OB
OBF - Air OB
OBM - Missile OB
OBN - Naval OB
OBR - Ground Force OB

PIG - Photo Interpretation

PIA - Photo Interpretation Aids
PIC - Photographic Coverage Files
PII - Indexes to Photographic Coverage
PIX - Photo Interpretation Report Files and Exchange

PLG - War Planning (include Gaming)

PLC - Damage and Contamination (including bonus effects)
PLP - Penetration and Recon Routing - Conflict Determination
PLS - Atomic Annex Summaries
PLT - Trajectory Computations
PLW - Weapon Selection
PLZ - DGZ Optimization

PRO - Processing Capability

PRP - Plotting Capability

SEC - Counterintelligence, Security

SPA - Space

STG - Scientific and Technical Intelligence

STC - Characteristics of Weapons Systems
STT - Technological State-of-Art

TRG - Transport

TRC - Coasts and Beaches
TRF - Airfields and Seaplane Stations of the World (ASSOTW)
TRH - Highways
TRP - Ports and Harbors

TRR - Railways
TRW - Inland Waterways

WAG - Warning (General)

WAC - Communications
WAF - Air Activities
WAM - Missile and Missile Range Activities
WAN - Naval, Merchant Ship, and Fishing Vessel Activity
WAP - Personnel Activities
WAR - Ground Force Activities
WAS - Space Activities

CODE LIST 3

CODE SHEET FOR EQUIPMENT MODELS
(From BoB Cir. A-55)

MANUFACTURER AND MODEL	CODE NO. TO BE USED
Advanced Scientific Instruments	
210	ASI 210
420	ASI 420
Autonetics Div. (North American Aviation Co.)	
RECOMP II	AUT REC2
RECOMP III	AUT REC3
Burroughs Corporation	
204	BUR 204
205	BUR 205
220	BUR 220
250	BUR 250
260	BUR 260
270	BUR 270
280	BUR 280
E-101	BUR E101
Control Data Corporation	
160	CDC 160
160A	CDC 160A
924	CDC 924
1604	CDC 1604
3600	CDC 3600
6600	CDC 6600
G-15	CDC G15
G-20	CDC G20
Digital Equipment Corporation	
PDP-1	DEC PDP1
PDP-4	DEC PDP4
PDP-5	DEC PDP5
PDP-6	DEC PDP6
El-Tronics	
ALWAC III-E	ELT ALW3

MANUFACTURER AND MODEL	CODE NO. TO BE USED
General Electric Corporation	
210	GEL 210
215	GEL 215
225	GEL 225
235	GEL 235
415	GEL 415
General Precision, Inc.	
LGP 21	GNP LG21
LGP 30	GNP LG30
Librascope 3000	GNP 3000
RPC 4000	GNP 4000
International Business Machines Corp.	
PCAM	IBM PCM
305	IBM 305
650	IBM 650
700 Series	IBM 7--
1401	IBM 1401
1410	IBM 1410
1440	IBM 1440
1460	IBM 1460
1620	IBM 1620
7000 Series	IBM 7---
Minneapolis Honeywell Regulator Co.	
200	HON 200
400	HON 400
800	HON 800
1400	HON 1400
1800	HON 1800
Monroe Calculating Machine Co.	
Monrobot XI	MON XI
National Cash Register Co.	
304	NCR 304
310	NCR 310
315	NCR 315
390	NCR 390

MANUFACTURER AND MODEL	CODE NO. TO BE USED
Packard Bell Company	
PB 250	PAB 250
PB 440	PAB 440
Philco Corporation	
1000	PHI 1000
2000	PHI 2000
Thompson Ramo Wooldridge Inc.	
TRW 230	TRW 230
Radio Corporation of America	
301	RCA 301
501	RCA 501
601	RCA 601
3301	RCA 3301
Scientific Data Systems	
SDS 910	SDS 910
SDS 920	SDS 920
UNIVAC Division (Sperry-Rand Corporation)	
PCAM	UNI PCM
490	UNI 490
1000 Series	UNI 1--
File Computer	UNI FC
LARC	UNI LARC
SS 80/90	UNI SS--
Univac I	UNI I
Univac II	UNI II
Univac III	UNI III
Special Code Name Computers	
BASIC PAC	BASPAC
	BRLESC
	CXPQ
	EDVAC
	GEORGE
	INFORME(R)
	LINC
	MANIAC
	NAREC
	NORC
	ORDVAC

CODE LIST 4

CODE SHEET FOR COMPUTER LANGUAGES

CODE NO. TO BE USED	LANGUAGE	CODE NO. TO BE USED	LANGUAGE
001	Machine Language	131	GP
002	ACT 1	132	GPX
003	ACT 111	150	INTERCOM
004	ACUTE	151	IT
005	ADAPT	160	JOVIAL
006	AIMACO	170	K5
007	ALCOM	175	LAS
008	ALMOST	180	MADCAP
009	ALGP	181	MISHAP
010	ALGOL	190	NEAT
011	ALTAC	191	NELIAC
012	ALTRAN	192	NUCOM
013	APT 111	193	NYAP
014	ARGUS	200	ORBIT
015	ASAP	210	PINT
016	AUTOCODE	211	POGO
017	AUTOCODER	212	PROCOM
040	BEFAP	220	RAFT IV
041	BELL	221	RELCODE
042	BLESSED	222	RIP 3000
060	CAGE	223	ROAR
061	CALINT	230	SAC
062	CAP	231	SAIC
063	CASE SOAP	232	SAL
064	CLIP	233	SALT
065	COBOL	234	SAP
066	COBOL 60	235	SCAT
067	COBOL 61	236	SCOPAC
068	COBOL NARRATOR	237	SCRAP
069	CODAP	238	SLAP
070	COLASL	239	SLEUTH
071	COMPACT	240	SNAP
090	DAS	241	SOAP
091	DATACODE	242	SPACE
100	EASY	243	SPAR
101	ESCAPE	244	SPEED
110	FACT	245	STAR
111	FAP	246	STRAP
112	FARGO	260	TABSOL
113	FAST	261	TAC
114	FLIP	262	TASS
115	FLOWMATIC	263	TRANSUSE
116	FORAST	270	UNISAP
117	FORMOST	271	USE
118	FORTRAN 1	272	UTMOST
119	FORTRAN 11	280	WIZ
120	FORTRAN IV	281	WIZOR
121	FORTRANSIT	290	X6
130	GECOM	300	Z

